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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: EXPRESSION OF MODIFIED ANTIBODIES IN AVIAN CELLS

(57) Abstract: The present invention relates to constructs and methods which allow the expression of immunoglobulins or functional fragments thereof which have been altered so that they are humanised. The expression of the immunoglobulins or fragments thereof takes place in avian cells, and the constructs used have been altered such that the expression levels in avian cells are higher than what would have been expected by simply using a humanised construct. The alterations are based on changing codons so that each amino acid of the codon that is used is the one which is most often found in avians.

INTERNATIONAL SEARCH REPORT

Intern:	pplication No
PCT, ..	J2/03692

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	C12N15/67	C07K16/02	C07K16/18	C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7	C12N	C07K
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MOHAMMED S M ET AL: "Deposition of genetically engineered human antibodies into the egg yolk of hens" IMMUNOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS BV, NL, vol. 4, no. 2, October 1998 (1998-10), pages 115-125, XP004153636 ISSN: 1380-2933 abstract	20
Y	---	1-19, 21-25
X	WO 99 10505 A (UNIV GUELPH ;ETCHES ROBERT J (CA); WILDEMAN ALAN G (CA); MOHAMMED) 4 March 1999 (1999-03-04)	20
Y	claims 1-28	1-19, 21-25
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the International search report
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 00 11151 A (AVIGENICS INC ;UNIV GEORGIA (US)) 2 March 2000 (2000-03-02) page 26, line 19 -page 27, line 2 ---	1-25
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P,A	MINE YOSHINORI ET AL: "Chicken egg yolk antibodies as therapeutics in enteric infectious disease: A review." JOURNAL OF MEDICINAL FOOD, vol. 5, no. 3, 2002, pages 159-169, XP009008346 Fall, 2002 ISSN: 1096-620X -----	

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